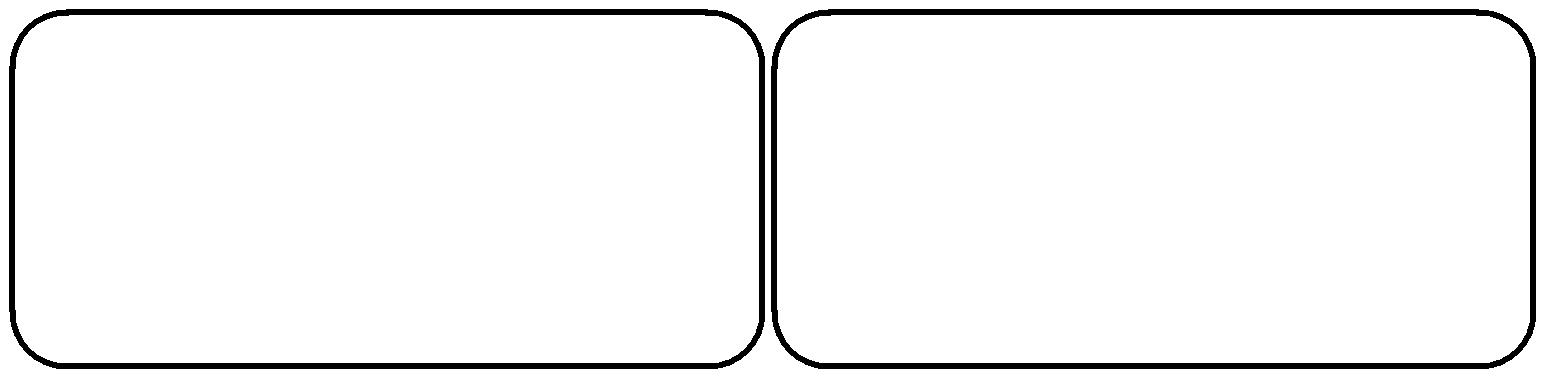
Lab Report Template



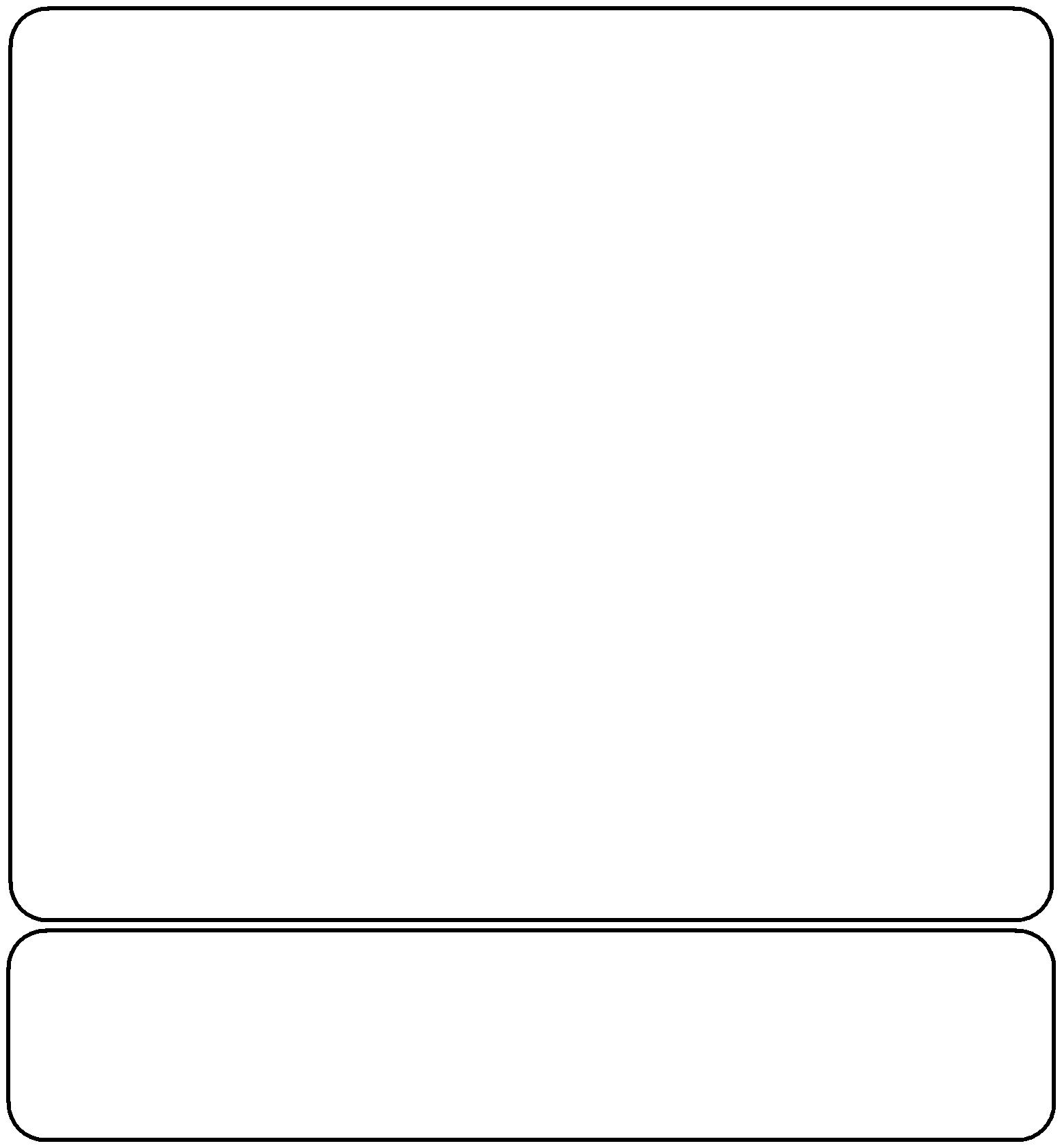
Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Question**

What do you want to find out? What is the problem or question?

**Hypothesis**

What do you think will happen during the lab or experiment?



**Procedure**

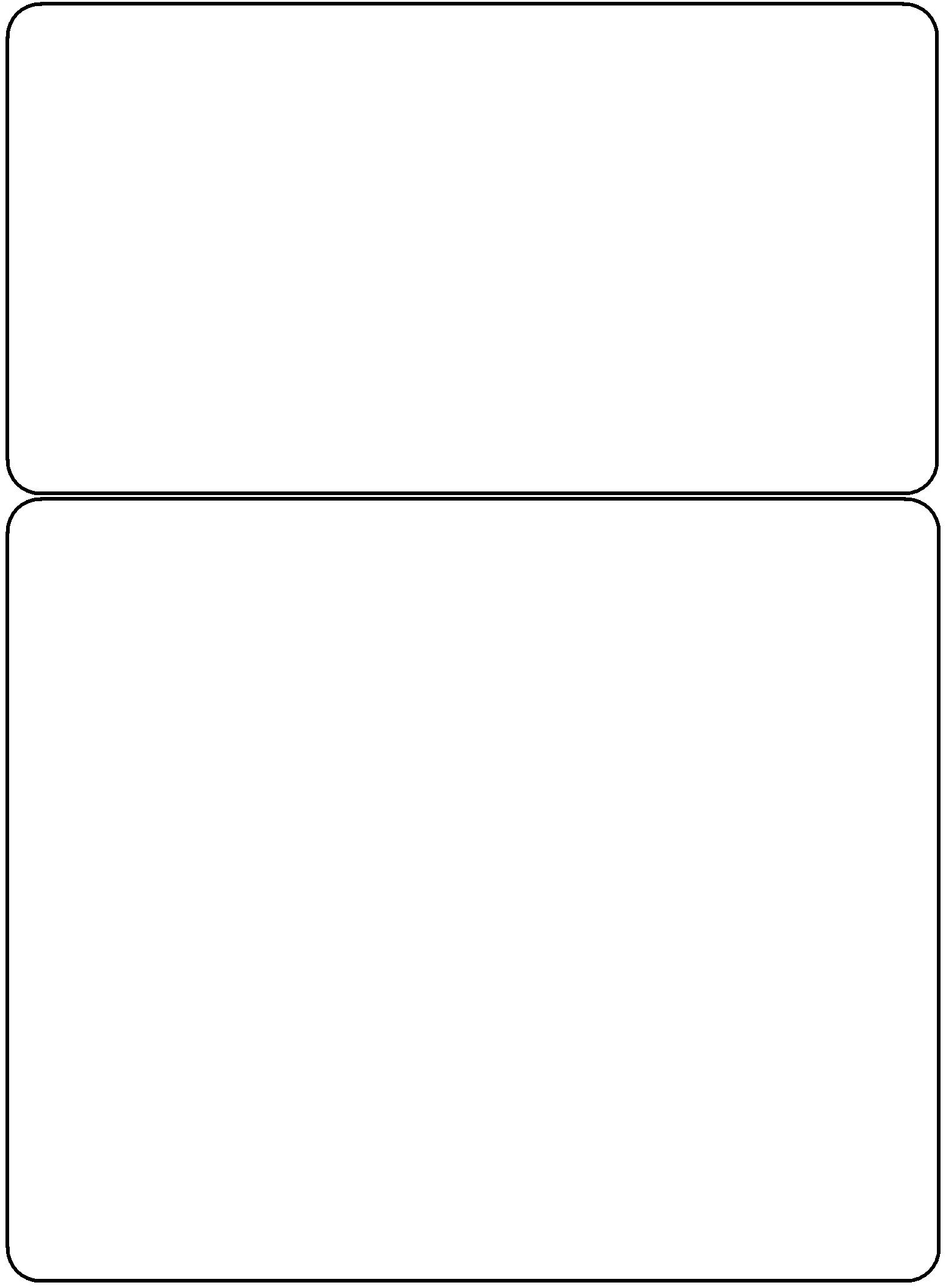
Write the steps for your experiment in the space below.

* *If the procedures are provided, you can skip this step.*

**Safety Rules**

What safety rules do you need to follow during your experiment?

* *Example: do not squirt water onto someone*

**Data**

Create a table, chart, or graph to record your data.

Example:

|  |  |
| --- | --- |
| *Trial 1* | *15 drops* |
| *Trial 2* | *20 drops* |
| *Trial 3* | *19 drops* |

**Conclusion/Analysis**

1. Give a brief introduction about the scientific information you found out during this lab. Be specific and use evidence from the lab to back up your claim.
2. Did your results support your hypothesis? Why or why not?
3. Are your results reliable? Why or why not?
4. Was it a controlled experiment? Why or why not?
5. Make a claim about the science concepts you have learned in this lab and then back it up with evidence (data, observations, conclusions). [A claim is the big idea from the lab.]
6. Make statements about what you expected to happen during the lab in comparison to what actually happened.
7. Draw a diagram. [A diagram is a picture with labels.]
   * Labeled picture of some part of the lab: equipment, materials used, concept learned, etc.

* Do not use words like I, we, us, you – This is UNACCEPTABLE for a formal report.
* UNACCEPTABLE STATEMENTS:
  + “I learned that baking soda and vinegar create a gas.”
  + “It was bubbling over.”
* ACCEPTABLE STATEMENT:
  + “During the experiment, there was evidence of a gas being released during the chemical reaction because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.”
  + “The hypothesis was supported in the experiment because \_\_\_\_\_\_\_\_.”